

Date	21 Jan 2015	Service Note #	2500x-2007	Updated	NA
Product	2500x		Created By	Joey Yangco	
Description	Vessel Clips Replacement				

Release	<input checked="" type="checkbox"/>	Internal	<input checked="" type="checkbox"/>	Distributors	<input checked="" type="checkbox"/>	Customers
----------------	-------------------------------------	-----------------	-------------------------------------	---------------------	-------------------------------------	------------------

Parts / Tools Required	Serial Numbers Affected
3350-0015 Rev D (2 per position) O-rings (2 per position) Long Nose Pliers	2501255 and older

Vessel Clips Replacement

Reason: Increased the vessel clip flange thickness by 0.03". This allows better contact with the vessel flange that prevents the empty vessels from moving.

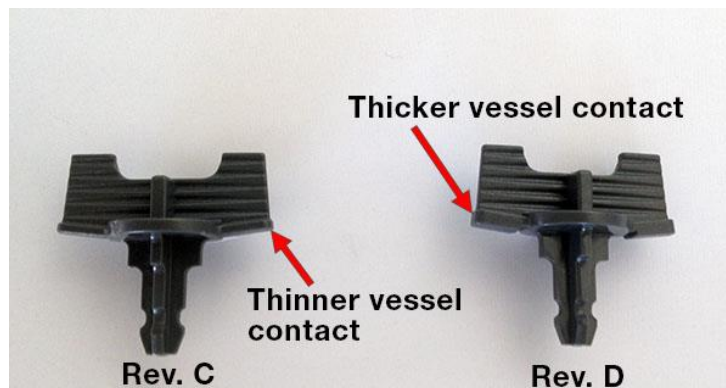
Pre-requisite:


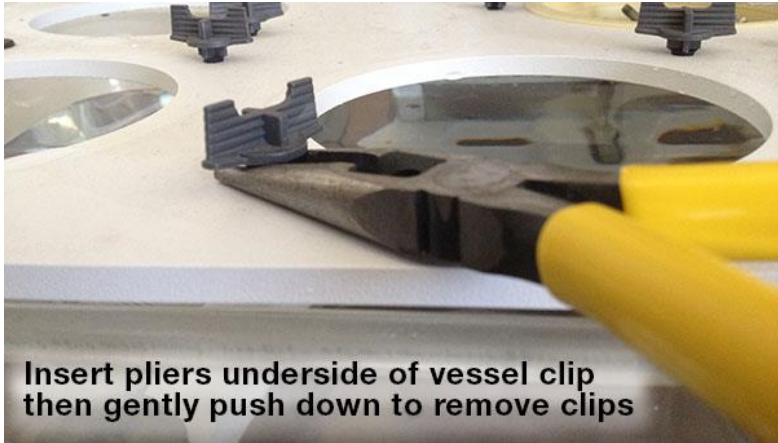

Service Engineer or person performing this service must have proper training in servicing the instrument.

Solution / Action



Before proceeding, discharge any static electricity from your body by touching a bare screw from the instrument. Turn off the instrument and disconnect the AC power cord.



<p>Step 1</p>	<p>Remove all the vessels and set them aside in a safe place to avoid breakage.</p> <hr/> <div data-bbox="349 394 440 489">  </div> <p>Most end-users have specific vessel placement. Mark the vessels before removing them to be sure they are returned to their original position.</p> <hr/>
<p>Step 2</p>	<p>Remove the existing vessel clips by inserting long nose pliers on the underside of the vessel clip, and then gently push down the pliers as shown.</p> <div data-bbox="485 655 1258 1094">  <p style="text-align: center;">Insert pliers underside of vessel clip then gently push down to remove clips</p> <p style="text-align: center;">Step 2</p> </div> <hr/> <div data-bbox="349 1171 440 1266">  </div> <p>Be careful not to scratch the surface of the vessel plate. Using a paper towel between the pliers and the vessel plate will help to avoid scratching the vessel plate surface.</p> <hr/>
<p>Step 3</p>	<p>Remove any O-rings that may have fallen inside the bath. Failure to do so can harm the pump impeller if the O-rings are drawn into the pump.</p>
<p>Step 4</p>	<p>Insert the new vessel clips onto the vessel plate.</p>

<p>Step 5</p>	<p>Secure the vessel clip with new O-ring making sure that the O-ring sits on the groove of the vessel clip post as shown.</p> <div data-bbox="355 396 1386 779" data-label="Image"> </div>
<p>Step 6</p>	<p>Return the vessels to their original positions.</p>
<p>Step 7</p>	<p>Test the vessel clips by turning the clips several times, making sure that the O-rings does not comes off.</p>
<p>Step 8</p>	<p>Reconnect the AC power cord and turn on the instrument.</p>